

02833.4001LO

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	:	
BIRGER SÖRENSEN	)	Examiner: Louise Wang Zhiying
	:	Humphrey
Application No.: 10/659,324	)	
	:	Group Art Unit:1648
Filed: September 11, 2003	)	
	:	
For: METHOD OF PRODUCING	)	Confirmation No.: 3291
AN HIV-1 IMMUNE RESPONSE	:	
	)	
	:	
	)	October 23, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REQUEST UNDER 37 C.F.R. § 3.81(b)  
TO ISSUE PATENT IN NAME OF ASSIGNEE

Sir:

Applicants respectfully request under 37 C.F.R. § 3.81(b) that the Commissioner issue the patent in the above-identified application in the name of the present assignees of record,

BIONOR IMMUNO AS

Postboks 1893 Gulser

3703 Skien, Norway

A Certificate of Correction form under 37 C.F.R. § 1.323, in duplicate, is attached and issuance of the Certificate of Correction pursuant to 37 C.F.R. § 1.323 is hereby requested.

Fees in the amount of \$130.00 to cover the processing fee under 37 C.F.R. § 1.17(i) and in the amount of \$100.00 to cover the Certificate of Correction fee under 37 C.F.R. § 1.20(a), are submitted herewith via Deposit Account 06-1205. Any additional

fees that may be deemed necessary by the Patent and Trademark Office, or overpayment of fees, should be charged or credited to the same Deposit Account.

### FACTS

1. Applicants received a Notice of Allowance and Issue Fee Due bearing a mailing date of June 29, 2007.

2. Applicants paid the issue fee on September 28, 2007 and inadvertently included BIONOR A/S, Norway as the sole assignee on the issue fee transmittal (Form PTOL-85). A copy of the Form PTOL-85 is attached as Exhibit 1.

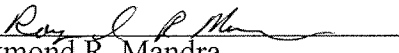
3. An assignment of the parent of the above-identified application, U.S. Application No. 09/674,674, to BIONOR IMMUNO AS was filed in the Patent Office on August 17, 2001, which assignment was recorded at Reel 012082, Frame 0369, with a recordation date of August 17, 2001 as set forth in 37 C.F.R. § 3.11 before issuance of the patent from the above-identified application. A copy of the recorded assignment, together with a copy of the Notice Of Recordation, are attached as Exhibit 2.

### RELIEF REQUESTED

The Commissioner is respectfully requested under 37 C.F.R. § 3.81(b) to issue the patent in the above-identified application in the name of BIONOR IMMUNO AS, Norway. A Certificate of Correction is also enclosed as required pursuant to 37 C.F.R. § 3.81(b). The undersigned believes this Request is in compliance with the requirements set forth in M.P.E.P. §§ 307 and 1481.

Applicants' undersigned attorney may be reached in our New York, office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
Raymond R. Mandra  
Attorney for Applicants  
Registration No.34,382

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

FCBS\_WS 1654309v1

Staple  
Here  
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : (issued from U.S. Application. No. 10/659,324, filed September 11, 2003)

DATED :

INVENTOR(S) : BIRGER SÖRENSEN

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE [73]:

Assignee "BIONOR A/S, Norway" should read  
--BIONOR IMMUNO AS, Norway--

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3800  
(212) 218-2100 - Telephone  
(212) 218-2200 - Facsimile

PATENT NO. \_\_\_\_\_

No. of add'l. copies  
@ 30¢ per page



# EXHIBIT 1

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISS FEE  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

5514

7590

06/29/2007

FITZPATRICK CELLA HARPER & SCINTO  
 30 ROCKEFELLER PLAZA  
 NEW YORK, NY 10112

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,324	09/11/2003	Birger Sorensen	02833.4001LO	3291

TITLE OF INVENTION: METHOD OF PRODUCING AN HIV-1 IMMUNE RESPONSE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	10/01/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
HUMPHREY, LOUISE WANG ZHIYING	1648	424-184100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Fitzpatrick, Cella  
 Harper & Scinto

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Bionor A/S

Norway

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☒ Issue Fee

☒ Publication Fee (No small entity discount permitted)

☒ Advance Order - # of Copies 10

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.

☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 06-1205 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Raymond R. Mandra

Date 9/27/07

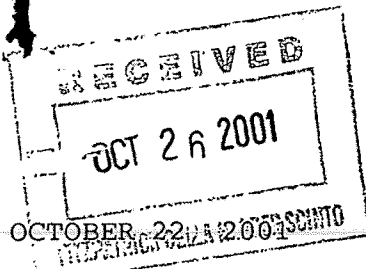
Typed or printed name Raymond R. Mandra

Registration No. 34,382

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# EXHIBIT 2



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PTAS  
FITZPATRICK, CELLA, HARPER & SCINTO  
JOHN W. BEHRINGER  
30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112-3801



\*101819498A\*

2833.0001  
JWB

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/17/2001

REEL/FRAME: 012082/0369  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

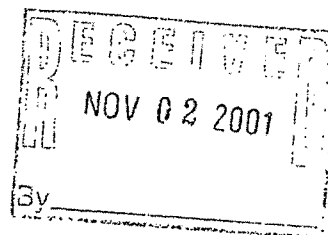
ASSIGNOR:  
BIONOR A/S

DOC DATE: 05/10/2001

ASSIGNEE:  
BIONOR IMMUNO AS  
POSTBOKS 1893 GULSER  
3703 SKIEN, NORWAY

SERIAL NUMBER: 09674674  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:



SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



08-22-2001

ORDINATION

Atty. Docket: 2833.400100

To the Director, U.S. Patent and

checked original documents or copy thereof.

1. Name of conveying party(ies):  
BIONOR A/S

101819498

address of receiving party(ies):

Name: BIONOR IMMUNO AS

Foreign Address:

Postboks 1893 Gulset

3703 Skien, Norway

Domestic Address:

City: \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

08/17/01

3. Method of conveyance:

☒ Assignment (Second)☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: May 10, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application Number: 09/674,674

Filing Date: November 3, 2000

B. Title of Invention: "HIV Peptides, Antigens, Vaccine Compositions, Immunoassay Kit and a Method of Detecting Antibodies induced by HIV"

Additional numbers attached?

☐ Yes☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper &amp; Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

08/21/2001 GTON11 00000266 09674674

01 FC:581

40.00 OP

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

John W. Behringer - Reg. No. 23,086

Name of Person Signing



Signature

August 17, 2001

Date

Total number of pages including cover sheet, attachments, and documents:

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or ☐ U.S. Patent  
By: ☐ Inventor(s) or ☐ Present Owner

Assignment Recorded on \_\_\_\_\_

Reel: \_\_\_\_\_

Frame: \_\_\_\_\_

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR:

Bionor AS  
Strømdalsjordet 4  
Postboks 1868 Gulset  
3705 Skien

hereby sells, assigns and transfers to ASSIGNEE:

Bionor Immuno AS  
Postboks 1893 Gulset  
3703 Skien

and the successors, assigns and legal representatives of the ASSIGNEE

- ☒ the entire right, title and interest in the United States of America  
☐ an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest for the United States and its territorial possessions  
☐ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled \_\_\_\_\_ and which is found in:

- ☐ U.S. Patent Application executed on even date herewith; or  
☐ U.S. Patent Application executed on \_\_\_\_\_; or  
☒ U.S. Application serial no. 09/674,674 filed on \_\_\_\_\_ (may be filled in when known); or  
☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_;  
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately; or  
☐ and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

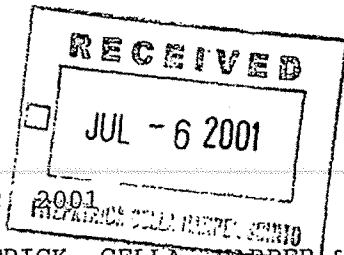
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand this

Date: <u>10-5-2001</u>	<u><i>Sumner Flaten</i></u>
Date: <u>10-5-2001</u>	<u><i>Øyvind Tølmest</i></u>
Date: <u>10-5-2001</u>	<u><i>Mona Brødresen</i></u>
Date: <u>10-5-2001</u>	<u><i>Froger Nyberg</i></u>

If ASSIGNOR is a legal entity complete the following information

<u>BIRGER SPRENSSEN</u>	<u><i>Birger Sprensen</i></u>
Name of person authorized to sign on behalf of ASSIGNOR	Title <u>MANAGING-DIRECTOR</u>
	BIONOR AS



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 22 2001  
FITZPATRICK, CELLA, HARPER & SCINTO  
JOHN W. BEHRINGER  
30 ROCKEFELLER PLAZA  
NEW YORK, NEW YORK 10112-3801

PTAS

JWB

2833.4001



\*101717082A\*

**CORRECTED  
NOTICE**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/05/2001

REEL/FRAME: 011508/0348  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
SORENSEN, BIRGER

DOC DATE: 10/24/2000

ASSIGNEE:  
BIONOR A/S  
STROMDALSJORDET 4  
N-3705 SKIEN, NORWAY

SERIAL NUMBER: 09674674  
PATENT NUMBER:  
PCT NUMBER: NO0000075

FILING DATE:  
ISSUE DATE:

JACQUELINE MOORE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

JUL 10 2001

Form-PTO-1595  
1-31-92

TRA. INITIAL OF DOCUMENT  
PATENTS

06-17-2001



ocket: 2833.400100

To the Director, U.S. Patent and Trademark Office, Please

py thereof.

1. Name of conveying party(ies):  
Birger SÖRENSEN

Additional name(s) of conveying party(ies) attached:

☐ Yes

☒ No

2.5.01

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: October 24, 2000

2. Name and address of conveying party(ies):

Name: BIONOR A/S

Foreign Address: Strömdalsjordet 4, N-3705 Skien, Norway

Domestic Address:

City: State ZIP

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number: Unassigned  
(Intl. Appln. No. PCT/NO00/00075)

Filing Date: November 3, 2000

B. Title of Invention:

HIV PEPTIDES, ANTIGENS, VACCINE  
COMPOSITIONS, IMMUNOASSAY KIT AND A  
METHOD OF DETECTING ANTIBODIES INDUCED BY  
HIV

Additional numbers attached?

☐ Yes

☒ No

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto

30 Rockefeller Plaza

New York, New York 10112-3801

Telephone No.: (212) 218-2100

Facsimile No.: (212) 218-2200

6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): . . . \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

DO NOT USE THIS SPACE.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

John W. Behringer - Reg. No. 23,086

Name of Person Signing

Signature

February 5, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 2

JWB\NMD\lp

02/14/2001 GTON11 00000294 PCTN00000075

01 FC:581

40.00 OP

DC\_MAIN 41081 v 1



2833.400100

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
BIRGER SÖRENSEN ) : Examiner: Unassigned  
Int'l. Appln. No.: PCT/NO00/00075 ) : Group Art Unit: Unassigned  
Int'l. Publn. No.: WO 00/52040 ) :  
U.S. Appln. No.: 09/674,674 ) :  
Nat'l. Entry Date: November 3, 2000 ) :  
For: HIV PEPTIDES, ANTIGENS, ) June 11, 2001  
VACCINE COMPOSITIONS, ) :  
IMMUNOASSAY KIT AND A ) :  
METHOD OF DETECTING ) :  
ANTIBODIES INDUCED BY HIV ) :

Commissioner for Patents  
Attn.: Assignment Division  
Washington, D.C. 20231

REQUEST FOR CORRECTION OF  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

Sir:

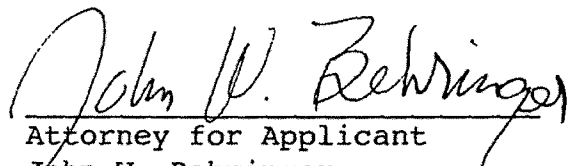
Applicant has received a Notice of Recordation of Assignment Document (dated April 26, 2001) in the above-identified application, in which the name of the assignee and the PCT number have been listed incorrectly. The name of the assignee should be --BIONOR A/S--, not "BIONAR A/S" as listed on the Notice; and the PCT number should be --PCT/NO00/00075--, not "NO0000075" as listed on the Notice. Both the assignee name and

the PCT number were listed correctly on the Assignment Transmittal (Form PTO-1595). Accordingly, Applicant requests a corrected Notice of Recordation of Assignment Document properly identifying the assignee and the PCT number pertaining to the Assignment. A marked-up copy of the Notice of Recordation of Assignment showing the corrections to be made is enclosed.

Applicant believes that no fees should be incurred in connection with filing this paper. Nevertheless, the Commissioner is authorized to charge Deposit Account No. 06-1205 should any fees be associated herewith.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,



Attorney for Applicant  
John W. Behringer  
Registration No. 23,086

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200  
NMD/11p

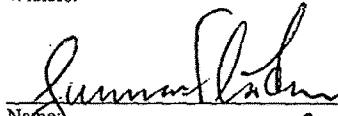
ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

(Page 1)

FOR GOOD AND SUFFICIENT VALUE RECEIVED, I, BIRGER SÖRENSEN,  
citizen of Norway,  
residing respectively at Meierlia 3, N-3727 Skien, Norway  
hereby sell, assign, transfer and convey unto BIONOR A/S  
a corporation of Norway,  
having a place of business at Strömdalsjordet 4, N-3705 Skien, Norway  
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States,  
in and to certain inventions relating to  
**HIV PEPTIDES, ANTIGENS, VACCINE COMPOSITIONS, IMMUNOASSAY KIT AND A METHOD OF DETECTING ANTIBODIES INDUCED BY HIV**  
and described in International Patent Application No. PCT/NO00/00075, which designates the United States, and all applications for Letters Patent of the United States filed therefrom, as well as all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.  
AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.  
AND I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.  
AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.  
AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

Witness:

Assignor:

  
Name: GUNNAR FLATEN  
Address: BACKAVE 45  
N-3728 SKIEN

  
BIRGER SÖRENSEN L.S.

Date: 24 OCT. 2000

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
(Page 1)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled HIV PEPTIDES, ANTIGENS, VACCINE COMPOSITIONS, IMMUNOASSAY KIT AND A METHOD OF DETECTING ANTIBODIES INDUCED BY HIV

the specification of which ☐ is attached hereto ☒ was filed on March 2, 2000 PCT International Application No. PCT/NO00/00075 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b), of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designates at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>(Yes/No) Priority Claimed</u>
Norway	19991078	04 March 1999	Yes

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>Application No.</u>	<u>Filed (Day/Mo./Yr.)</u>	<u>Status (Patented, Pending, Abandoned)</u>
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I hereby appoint the practitioners associated with the firm and Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to the address associated with that Customer Number:

**FITZPATRICK, CELLA, HARPER & SCINTO**  
Customer Number: 05514

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole or First Inventor Birger SÖRENSEN  
Inventor's signature *Birger Sørensen*  
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NMD/vjw